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WATER WELL REPORT
STATE OF OREGON

Harn
289

A# G1490
23/30-12R

File Original and
First Copy with the
STATE ENGINEER,
SALEM, OREGON

State Well No. _____
State Permit No. _____

(1) OWNER:

Name City of Burns
Address Burns, Oregon

(2) LOCATION OF WELL:

County HARNEY Owner's number, if any- #3
SE 1/4 SE 1/4 Section 12 T.23 S.R.30 E.W.M.
Bearing and distance from section or subdivision corner
N 0° 15' E 292' thence
N 89° 45' W 470' from SE
Corner Sec 12

(3) TYPE OF WORK (check): Existing

New Well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 11.

PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

(5) TYPE OF WELL:

Rotary Driven
Cable Jetted
Dug Bored

(6) CASING INSTALLED:

Threaded Welded

16" Diam. from 0 ft. to 143 10 ft. Gage _____
" Diam. from _____ ft. to _____ ft. Gage _____
" Diam. from _____ ft. to _____ ft. Gage _____

(7) PERFORATIONS:

Perforated? Yes No

Type of perforator used _____
SIZE of perforations in. by in.
perforations from _____ ft. to _____ ft.
perforations from _____ ft. to _____ ft.
perforations from _____ ft. to _____ ft.
perforations from _____ ft. to _____ ft.

(8) SCREENS:

Well screen installed Yes No

Manufacturer's Name Byron Jackson
Type 8" Galvanized Cone Model No. _____
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.
Slot size _____ Set from _____ ft. to _____ ft.

(9) CONSTRUCTION:

Was well gravel packed? Yes No Size of gravel Not Stated
Gravel placed from _____ ft. to _____ ft.
Was a surface seal provided? Yes No To what depth? 20 ft.
Material used in seal- Cement
Did any strata contain unusable water? Yes No
Type of water? ? Depth of strata ?
Method of sealing strata off Casing

(10) WATER LEVELS:

Static level 14 ft. below land surface Date 12-10-58
Artesian pressure _____ lbs. per square inch Date _____

Log Accepted by:

[Signed] City of Burns Date 12-10, 1958
(Owner)

(11) WELL TESTS:

Drawdown is amount water level is lowered below static level R.J. Strasser

Was a pump test made? Yes No If yes, by whom? Drilling Co.
Yield: 1280 gal./min. with 81 ft. drawdown after 2 hrs.
" 1000 " 58 " 2 "
" 800 " 39 " 1/2 "
Bailer test gal./min. with 0 ft. drawdown after 2 hrs.
Artesian flow _____ g.p.m. Date _____
Temperature of water 87F Was a chemical analysis made? Yes No

(12) WELL LOG:

Diameter of well 16" inches.

Depth drilled 304 ft. Depth of completed well 304 ft.

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL	FROM	TO
Surface dirt	0	9
Sand	9	18
Soft Rock	18	24
Hard Gray Rock	24	46
Decomposed Rock	46	76
Hard Gray Rock	76	84
Decomposed Rock	84	99
Hard Gray Rock	99	103
Plumis Rock	103	140
Porous Rock	140	164
Red Rock	164	181
Hard Gray Rock	181	199
Hard Rough Gray Rock	199	221
Hard Gray Rock	221	249
Hard Rough Gray Rock	249	267
Broken formation Blk. Rock	267	272
White Pumice	272	280
Soft Rock Mixed	280	293
Hard Gray Rock	293	304

Work started 11-3 1958 Completed 12-11 1958

(13) PUMP:

Manufacturer's Name Byron Jackson
Type: Deep Well Turbine H.P. 100

Well Driller's Statement:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME R.J. STRASSER DRILLING CO.
(Person, firm, or corporation) (Type or print)

Address 8110 S.E. SUNSET LANE
PORTLAND, ORE.

Driller's well number _____

[Signed] R.J. Strasser
(Well Driller)

License No. 10 Date July 17, 1959

Harney

23/30-12R(1)

Oregon State Board of Health

SANITARY ENGINEERING LABORATORY

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REPORT OF MINERAL ANALYSIS OF WATER

Location of source Burns Description of source Well #3

Analysis by M.H.P. Date 3/17/54 Collected by _____ Date 2/19/54

RESULTS

Parts per million

Turbidity	_____
Color: Apparent	_____ True <u>7</u>
Odor: Hot	_____ Cold _____
Total Solids	<u>112</u>
Loss on Ignition	<u>11</u>
Silicon (SiO ₂)	<u>11</u>
Chloride (Cl)	<u>2.1</u>
Sulfate (SO ₄)	<u>2.9</u>
Calcium (Ca)	<u>10.6</u>
Magnesium (Mg)	<u>6.1</u>
Aluminum (Al)	<u>0</u>
Orthophosphates (PO ₄)	<u>.1</u>
Metaphosphates (PO ₃) ₆	_____
Alkalinity (as CaCO ₃): Carbonate	<u>0</u>
Bicarbonate	<u>70</u>
Hardness (as CaCO ₃)	<u>50</u>
Sodium and Potassium (as Na)	<u>5.2</u>
Iron (Fe)	<u>.3</u>
Manganese (Mn)	<u>0</u>
Fluoride (F)	<u>.3</u>
Carbon Dioxide (CO ₂)	<u>7</u>
pH	<u>7.3</u>

Remarks _____